

Converting Colors

RGB(168, 241, 187)

Have a look what the booklet for
RGB(168, 241, 187) contains.

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Color

RGB(168, 241, 187)

Conversions

Conversions Part 1

Format	Color
Hex	A8F1BB
RGB	168, 241, 187
RGB Percent	66%, 95%, 73%
CMY	0.3412, 0.0549, 0.2667
CMYK	0.30, 0.00, 0.22, 0.05
HSL	136°, 72%, 80%
HSV	136°, 30%, 95%
XYZ	56.5734, 74.8233, 58.4743
YIQ	213.0170, -26.1740, -32.2700

Conversions

Conversions Part 2

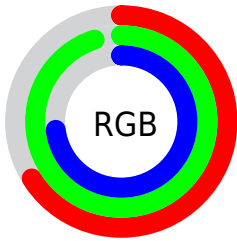
Format	Color
RYB	168, 226, 241
Decimal	11071931
CIELab	89.31, -33.33, 19.00
CIELCh	89, 38.367, 150.312
Yxy	74.8233, 0.2980, 0.3941
Android (android.graphics.Color)	4289262011 (0xFFA8F1BB)
YUV	213.0170, -12.8264, -39.4799
Hunter-Lab	86.5005, -34.6325, 20.4703

Details

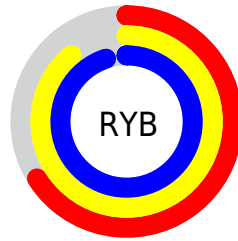
The RGB color **168, 241, 187** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **241, 168, 222**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **225, 255, 243**, and **114, 185, 134** is the 20% darker color. If you saturate the color by 10%, you get **144, 241, 169**, and if you desaturate by 10%, it is **192, 241, 205**.

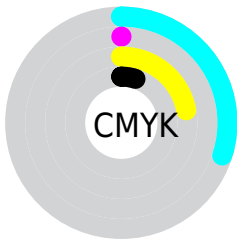
Distribution



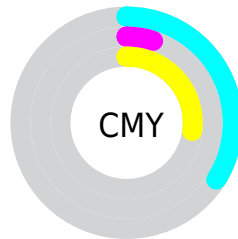
- Red (66%)
- Green (95%)
- Blue (73%)



- Red (66%)
- Yellow (89%)
- Blue (95%)



- Cyan (30%)
- Magenta (0%)
- Yellow (22%)
- Black (5%)



- Cyan (34%)
- Magenta (5%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 241, 187 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 168, 241, 187 by changing the saturation by 10% instead.

 168, 241, 187

255, 255, 255


 225, 255, 243


254, 255, 255


 168, 241, 187


 141, 212, 160

 114, 185, 134

 87, 157, 108

 61, 131, 84

 34, 105, 60

 0, 81, 38

 0, 57, 17

 0, 36, 0

 0, 0, 0

 168, 241, 187

 168, 241, 187

 144, 241, 169

 192, 241, 205

 120, 241, 151

 216, 241, 223

 96, 241, 134

 240, 241, 240

 72, 241, 116

 255, 241, 255

 48, 241, 98

 23, 241, 80

 0, 241, 63

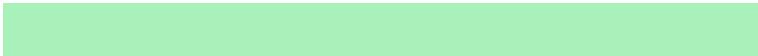
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211, 233, 160



168, 241, 187



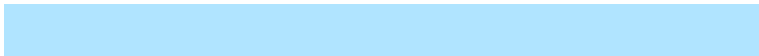
127, 244, 224

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



168, 241, 187



176, 228, 255



255, 200, 189

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



168, 241, 187



241, 168, 222

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 197, 225



168, 241, 187



230, 215, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



168, 241, 187



125, 238, 255



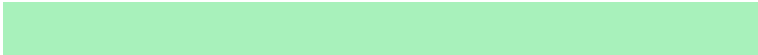
255, 203, 255



255, 210, 162

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



168, 241, 187



107, 244, 249



255, 203, 255



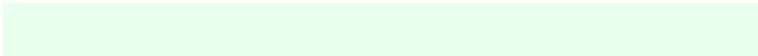
255, 198, 201

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



168, 241, 187



232, 255, 238



223, 241, 168



113, 128, 117



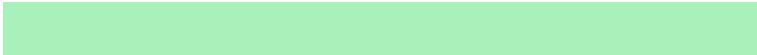
0, 0, 0



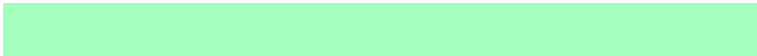
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



168, 241, 187



163, 255, 187



168, 241, 223



108, 120, 111



0, 184, 48



0, 56, 15

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



241, 168, 222



255, 163, 231



241, 168, 186



120, 108, 117



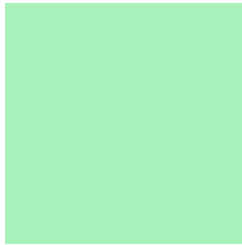
184, 0, 136



56, 0, 41

Previews

White Background



This preview shows how the RGB color 168, 241, 187 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 168, 241, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

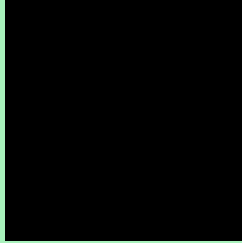
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

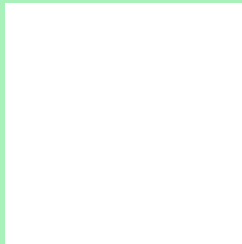
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 168, 241, 187 Background



This preview shows how black text looks on a background with the RGB color 168, 241, 187.

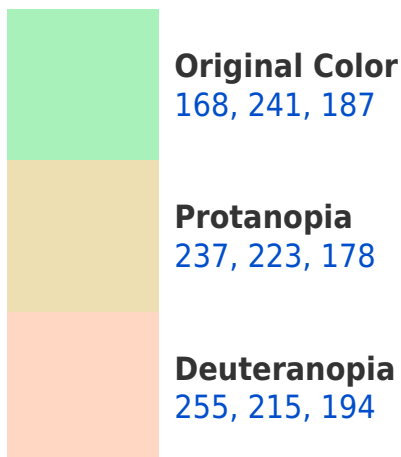


This preview shows how white text looks on a background with the RGB color 168, 241, 187.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





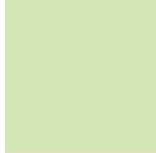
Tritanopia
180, 232, 251

Trichromacy



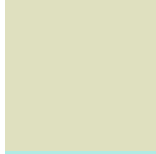
Original Color

168, 241, 187



Protanomaly

212, 230, 181



Deuteranomaly

223, 224, 191



Tritanomaly

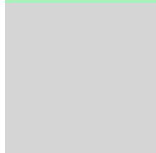
176, 235, 228

Monochromacy



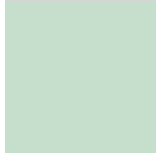
Original Color

168, 241, 187



Achromatopsia

213, 213, 213



Achromatomaly

197, 223, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 241, 187 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(168, 241, 187)` looks like.

```
.text, #text, p{  
    color:rgb(168, 241, 187)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(168, 241, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 241, 187) }
```

Border

The CSS property to change the border of an element to RGB 168, 241, 187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 241, 187) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(168, 241, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(168, 241, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 241, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 241, 187);  
box-shadow:4px 4px 4px 4px rgb(168, 241,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 168, 241, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 241, 187) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(168,  
241, 187) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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